

WHAT IS CLAIMED IS:

5 1. A method for rejecting at least one particular interference frequency component from an input frequency spectrum, the method comprising:

10 shifting the input spectrum in the frequency domain down by a first selected amount, thereby positioning the particular interference frequency component about DC, as a result of the shift;

canceling the shifted input spectrum in the region about DC in order to remove the particular interference frequency component from the input spectrum; and

15 shifting the input spectrum in the frequency domain up by a second selected amount.

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